

JENKINS, WILSON & TAYLOR, P.A.

PATENT ATTORNEYS

SUITE 1400 UNIVERSITY TOWER
3100 TOWER BOULEVARD
DURHAM, NORTH CAROLINA 27707
TELEPHONE: (919) 493-8000
FACSIMILE: (919) 419-0383

RECEIVED
CENTRAL FAX CENTER

APR 06 2005

WEBSITE: WWW.JENKINSWILSONTAYLOR.COM

DATE: April 6, 2005

TO: Art Group Unit 1600 (for Group 1634)

FAX NO.: (703) 872-9306

FROM: Arles A. Taylor, Jr. (acy)

RE: Serial No. 09/998,058; Atty Docket No. 421/34/2

NUMBER OF PAGES TO FOLLOW: 8

If transmission is poor, or if you do not receive all pages, please
call (919) 493-8000 as soon as possible.

COMMENTS:

Attachment: Transmittal Letter (1 page);
Amendment E (3 pages); and
Amendment Transmittal Form (2 pages) in
duplicate.

The information contained in this facsimile message is ATTORNEY PRIVILEGED AND CONFIDENTIAL INFORMATION intended only for the use of the individual or entity named as recipient. If the reader is not the intended recipient, be hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by phone and return the original message to us at the address shown above via the U.S. Postal Service. Thank you.

**JENKINS
WILSON
& TAYLOR**

patent attorneys

April 6, 2005

I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

Amy Yost
Amy Yost
Date of Signature April 6, 2005

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

CHRIS PERKINS, PH.D.

JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

THEODOSIOS THOMAS

OF COUNSEL
SOROJINI BISWAS*****
"LICENSED ONLY IN CA"

"LICENSED ONLY IN NY"

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/998,058 for
METHOD FOR ULTRA-HIGH RESOLUTION MAPPING OF
GENES AND DETERMINATION OF GENETIC NETWORKS
AMONG GENES UNDERLYING PHENOTYPIC TRAITS
Our Ref. No. 421/34/2

Sir:

Please find attached in connection with the subject U.S. patent application the following documents:

1. An Amendment Transmittal Form (2 pages) in duplicate; and
2. An Amendment E (3 pages).

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Arles A. Taylor, Jr.
Arles A. Taylor, Jr.
Registration No. 39,395

AAT/PPP/acy

Enclosures

Customer No: 25297

tel 919 493 8000
fax 919 419 0383Jenkins, Wilson & Taylor, P.A.
jenkinswilson@taylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

RECEIVED
CENTRAL FAX CENTER

APR 06 2005

Practitioner's Docket No. 421/34/2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Threadgill et al.

Application No.: 09/998,058

Group No.: 1634

Filed: 11/30/2001

Examiner: Sakelaris, Sally A

For: METHOD FOR ULTRA-HIGH RESOLUTION MAPPING OF GENES AND DETERMINATION
OF GENETIC NETWORKS AMONG GENES UNDERLYING PHENOTYPIC TRAITS

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10**(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

☐ with sufficient postage as first class mail.

37 C.F.R. § 1.10*

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. _____ (mandatory)

TRANSMISSION

☒ facsimile transmitted to the Patent and Trademark Office, (703) 872-9306.

Signature

Amy Yost

(type or print name of person certifying)

Date: 4/6/2005

* Only the date of filing (§ 1.0) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Amendment Transmittal—page 1 of 2

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE		
TOTAL	51	-	59	= 0 x \$	25.00	= \$	0.00
INDEP.	6	-	6	= 0 x \$	100.00	= \$	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$	0.00	= \$	0.00
				TOTAL			
				ADDIT. FEE			
				\$			
				0.00			

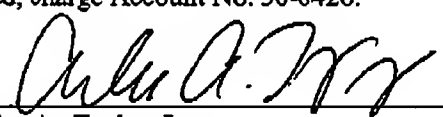
No additional fee for claims is required.

FEE DEFICIENCY

5. If an additional extension and/or fee is required, charge Account No. 50-0426.

If an additional fee for claims is required, charge Account No. 50-0426.

Date: 04/06/2005


 Arles A. Taylor, Jr.
 Registration No. 35,395
 Jenkins, Wilson & Taylor, P.A.
 Suite 1400 University Tower
 3100 Tower Boulevard
 Durham, NC 27707
 919-493-8000
 Customer No. 25297

Amendment Transmittal—page 2 of 2

COPY

Practitioner's Docket No. 421/34/2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Threadgill et al.

Application No.: 09/998,058

Group No.: 1634

Filed: 11/30/2001

Examiner: Sakelaris, Sally A

For: METHOD FOR ULTRA-HIGH RESOLUTION MAPPING OF GENES AND DETERMINATION OF GENETIC NETWORKS AMONG GENES UNDERLYING PHENOTYPIC TRAITS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

☐ with sufficient postage as first class mail.

37 C.F.R. § 1.10*

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. _____ (mandatory)

TRANSMISSION

☒ facsimile transmitted to the Patent and Trademark Office, (703) 872-9306.

Amy Yost
Signature

Date: 4/6/2005

Amy Yost

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Amendment Transmittal—page 1 of 2

COPY

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE		
TOTAL	51	— 59	= 0	x \$ 25.00	= \$	0.00	
INDEP.	6	— 6	= 0	x \$ 100.00	= \$	0.00	
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$ 0.00	= \$	0.00	
				TOTAL ADDIT. FEE	\$	0.00	

No additional fee for claims is required.

FEE DEFICIENCY

5. If an additional extension and/or fee is required, charge Account No. 50-0426.

If an additional fee for claims is required, charge Account No. 50-0426.

Date:

04/06/2005



Arles A. Taylor, Jr.
Registration No. 33,395
Jenkins, Wilson & Taylor, P.A.
Suite 1400 University Tower
3100 Tower Boulevard
Durham, NC 27707
919-493-8000
Customer No. 25297

Amendment Transmittal—page 2 of 2

I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

Amy Yost
Amy Yost
Date of Signature April 6, 2005

RECEIVED
CENTRAL FAX CENTER

APR 06 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Threadgill *et al.*

Group Art Unit: 1634

Serial No.: 09/998,058

Examiner: Sakelaris, Sally A.

Filed: November 30, 2001

Docket No.: 421/34/2

Confirmation No.: 6701

For: METHOD FOR ULTRA-HIGH RESOLUTION MAPPING OF GENES AND
DETERMINATION OF GENETIC NETWORKS AMONG GENES UNDERLYING
PHENOTYPIC TRAITS

AMENDMENT E

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the subject application as follows: